VIVO RAISER SDN. BHD.
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METHOD STATEMENT
TECHNOBOND BASE COAT 380 WHITE

1. INTRODUCTION

TECHNOBOND Base Coat 380 White is a polymer-modified cement-based white base coat mortar formulated for internal wall and ceiling levelling and surface correction where a light-coloured background is required prior to the application of white or light-coloured skim coats and decorative finishes. It is suitable for internal applications on concrete, cement render, masonry, blockwork, and concrete ceilings.

2. SUBSTRATE PREPARATION & INSPECTION

a) Ensure all substrates are structurally sound, clean, dry, and free from dust, oil, grease, curing compounds, laitance, loose particles, paint residues, rust stains, or contaminants that may affect adhesion or cause discoloration.

b) Concrete substrates must be cured for a minimum of 28 days prior to application.

c) Cement renders and masonry substrates must be cured for at least 7 days and checked for soundness. Hollow or loose areas must be removed and repaired.

d) Absorbent substrates should be lightly dampened with clean water prior to application. Do not over-wet or leave standing water.

e) Particular care must be taken to remove dark patches, oil stains, or efflorescence that may telegraph through light-coloured finishes.



3. MATERIAL PREPARATION

• Packaging: 25 kg per bag

• Water requirement: Approximately 7.5–8 litres per 25 kg bag (30–32% by weight)

• Mixing water must be clean, potable, and free from impurities that may affect colour

• Typical thickness: 1-2 mm per layer (apply in multiple layers if greater thickness is required)

4. MIXING PROCEDURE

a) Pour the measured clean water into a clean mixing container free from contamination by grey cement or other coloured materials.

b) Gradually add TECHNOBOND Base Coat 380 White while mixing with a slow-speed mechanical mixer (400–600 rpm).

c) Mix for 3–5 minutes until a smooth, uniform, lump-free consistency is achieved.

d) Allow the mixture to stand (slake) for 3 minutes, then re-mix before application.

e) Do not add additional water after mixing.

Pot life: Approximately 1 hour at 25°C.

5. APPLICATION

a) For ceiling applications, ensure the substrate is sound and free from dust. Apply in thin layers within the recommended thickness to prevent sagging or debonding.

b) a) Apply the mixed material onto the prepared substrate using a clean steel trowel dedicated for white products.

b) Spread evenly and level to the required thickness.

c) For thickness exceeding 2 mm, apply in multiple layers, allowing the previous layer to firm up before applying the next.

d) Avoid excessive trowelling which may cause surface discoloration or patchiness.

e) Protect freshly applied surfaces from dust, dirt, rain, direct sunlight, and strong wind.

6. CURING & PROTECTION

a) Allow the base coat to cure until sufficiently firm (minimum 24 hours at 25°C) before application of skim coat or subsequent finishes.

b) Light mist curing with clean water may be carried out if required, particularly under hot or windy conditions.

c) Full curing is typically achieved after 7 days, subject to ambient temperature and humidity.

7. QUALITY ASSURANCE & SAFETY

• Apply within recommended temperature range of 5°C–35°C. • Maintain consistent water ratio to ensure colour uniformity. • Use clean tools and equipment dedicated for white cement-based products. • Wear appropriate PPE including gloves, goggles, and dust mask.

8. DISCLAIMER

This method statement is provided as a general guide only. Actual site conditions and workmanship are beyond the manufacturer's control.

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TECHNOBOND SKIM COAT 388 FINISH COAT WHITE

1. INTRODUCTION

TECHNOBOND Skim Coat 388 Finish Coat White is a premium polymer-modified cement-based white skim coat designed to provide a smooth, uniform, and bright finishing surface for internal and external walls and ceilings prior to painting or decorative coatings. It is suitable for vertical and overhead (ceiling) applications where high whiteness and surface uniformity are required.

2. SUBSTRATE PREPARATION & INSPECTION

a) Ensure the substrate or base coat is fully cured, sound, clean, and free from dust, oil, grease, rust stains, efflorescence, and loose particles.

b) TECHNOBOND Base Coat 380 White or equivalent cementitious base must be cured until sufficiently firm (minimum 24 hours at 25°C) before skim coat application.

c) Highly absorbent substrates should be lightly dampened with clean water. Do not over-saturate.

3. MATERIAL PREPARATION

• Packaging: 25 kg per bag • Water requirement: Approximately 10.5–11.5 litres per 25 kg bag • Mixing water must be clean, potable, and free from iron, rust, or organic contamination • Typical thickness: 0.5–1.0 mm per layer

4. MIXING PROCEDURE

a) Use a clean mixing container and tools dedicated for white products to prevent colour contamination.

b) Pour the required amount of clean water into the container, then gradually add TECHNOBOND Skim Coat 388 White while mixing with a slow-speed mixer.

c) Mix for 3–5 minutes until a smooth, creamy, and lump-free paste is obtained.

d) Allow the mixture to stand for 2–3 minutes, then re-mix before application.

e) Do not add extra water, pigments, or additives once mixing is completed.

Pot life: Approximately 1 hour at 25°C.

5. APPLICATION

a) For ceiling applications, ensure the substrate is sound and free from dust. Apply in thin layers within the recommended thickness to prevent sagging or debonding.

b) a) Apply a thin and even layer of skim coat using a clean steel trowel.

b) Spread smoothly to achieve a uniform, blemish-free surface.

c) A second coat may be applied if required after the first coat has firmed up.

d) Final finishing may be carried out using a steel trowel or sponge float as required. Do not retemper or add water during finishing.

e) Avoid application under direct sunlight, rain, strong wind, or dusty site conditions.

6. CURING & PROTECTION

a) Allow skim coat to dry for at least 24 hours before painting or applying decorative finishes. Ensure residual moisture content is suitable prior to paint application to avoid coating defects.

b) Protect finished surfaces from dust, water splash, staining, and physical damage during curing.

c) Ensure adequate ventilation for internal applications.

7. QUALITY ASSURANCE & SAFETY

• Recommended application temperature: 5°C–35°C. • Maintain consistent mixing and application practices to achieve uniform colour and finish. • Use clean, non-rusting tools and equipment. • Wear appropriate PPE. In case of eye or skin contact, rinse immediately with clean water.

8. DISCLAIMER

The information provided herein is based on current knowledge and experience. The manufacturer shall not be held responsible for variations arising from site conditions or workmanship.